

EOC PASS Cut Score Recommendations Adopted October 5, 2009

Reading and Research

		Logit Cutpoints															
		Bookmark smoothed	PACT Basic	Bookmark smoothed	Bookmark smoothed	Raw Score Ranges within Level					Percent in each Achievement Level					% PASS MET or Above	Change in Standard Error (Met Bookmark smoothed minus PACT Basic)
Grade	Subject	NM1/NM2	NM2/M	M/Ex4	Ex4/Ex5	Not Met 1	Not Met 2	MET	EX4	EX5	Not Met 1	Not Met 2	MET	EX4	EX5		
3	Reading & Research	-1.1664	-0.3482	0.6177	0.9822	0-9	10-15	16-22	23-24	25-36	5.1%	18.1%	31.6%	9.8%	35.4%	76.8%	-1.00
4	Reading & Research	-0.488	0.2886	1.569	2.1114	0-14	15-19	20-28	29-31	32-36	10.4%	15.1%	39.1%	16.9%	18.5%	74.5%	-0.22
5	Reading & Research	-0.397	0.124	1.406	1.7844	0-15	16-19	20-28	29-31	32-38	9.6%	10.3%	44.9%	18.1%	17.1%	80.1%	-0.36
6	Reading & Research	-0.375	0.358	1.376	1.834	0-16	17-22	23-30	31-33	34-40	10.8%	17.4%	39.8%	16.4%	15.6%	71.8%	0.13
7	Reading & Research	-0.2579	0.4746	1.4327	1.9122	0-19	20-26	27-35	36-38	39-45	14.4%	16.8%	38.1%	15.7%	15.0%	68.8%	0.41
8	Reading & Research	-0.247	0.3749	1.3755	1.954	0-22	23-28	29-37	38-41	42-50	15.1%	17.3%	38.9%	16.2%	12.5%	67.6%	0.07

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Mathematics

		Logit Cutpoints															
		Bookmark smoothed	PACT Basic	Bookmark smoothed	Bookmark smoothed	Raw Score Ranges within Level					Percent in each Achievement Level					% PASS MET or Above	Change in Standard Error (Met Bookmark smoothed minus PACT Basic)
Grade	Subject	NM1/NM2	NM2/M	M/Ex4	Ex4/Ex5	Not Met 1	Not Met 2	MET	EX4	EX5	Not Met 1	Not Met 2	MET	EX4	EX5		
3	Math	-0.464	0.2747	1.207	1.7346	0-20	21-27	28-37	38-41	42-50	14.3%	18.8%	35.8%	14.7%	16.4%	66.9%	0.32
4	Math	-0.601	-0.1802	1.103	1.755	0-21	22-25	26-40	41-45	46-56	14.2%	9.3%	45.3%	14.6%	16.6%	76.5%	-0.58
5	Math	-0.7323	-0.287	0.967	1.5833	0-20	21-24	25-39	40-44	45-56	15.7%	10.7%	45.7%	13.2%	14.7%	73.6%	-0.44
6	Math	-0.5342	-0.1445	1.1339	1.6622	0-23	24-28	29-44	45-50	51-61	17.6%	11.9%	42.4%	14.5%	13.5%	70.4%	-0.25
7	Math	-0.5581	-0.2552	0.8011	1.521	0-23	24-26	27-41	42-48	49-61	21.4%	9.0%	42.9%	14.1%	12.5%	69.6%	-0.10
8	Math	-0.6836	-0.3851	0.837	1.396	0-21	22-25	26-42	43-49	50-63	25.2%	12.0%	39.2%	12.0%	11.6%	62.8%	0.01

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Writing

		Logit Cutpoints															
		Bookmark smoothed	PACT Basic	Bookmark smoothed	Bookmark smoothed	Raw Score Ranges within Level					Percent in each Achievement Level					% PASS MET or Above	Change in Standard Error (Met Bookmark smoothed minus PACT Basic)
Grade	Subject	NM1/NM2	NM2/M	M/Ex4	Ex4/Ex5	Not Met 1	Not Met 2	MET	EX4	EX5	Not Met 1	Not Met 2	MET	EX4	EX5		
3	Writing	-1.2524	-0.0641	0.7641	1.3517	0-17	18-29	30-36	37-41	42-55	5.7%	25.4%	29.4%	20.6%	18.9%	68.9%	NA
4	Writing	-1.1942	0.0956	1.2678	1.7707	0-21	22-32	33-41	42-44	45-55	5.1%	24.9%	39.5%	12.6%	17.9%	70.0%	NA
5	Writing	-1.1808	-0.1297	0.9117	1.6353	0-21	22-31	32-39	40-44	45-55	5.8%	21.1%	38.2%	20.5%	14.4%	73.1%	NA
6	Writing	-1.2075	0.0086	1.2008	1.7734	0-20	21-32	33-42	43-46	47-55	5.0%	24.8%	40.6%	13.9%	15.7%	70.2%	NA
7	Writing	-1.0041	0.2088	1.2923	1.8851	0-21	22-33	34-43	44-47	48-55	4.6%	25.4%	40.2%	13.7%	16.1%	70.0%	NA
8	Writing	-0.9143	0.3667	1.4311	1.9677	0-24	25-35	36-44	45-48	49-55	5.1%	26.8%	42.2%	14.5%	11.4%	68.1%	NA

NA: 2009 Pact Basic equivalent scores not available for Writing test.

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Science

		Logit Cutpoints															
		Bookmark smoothed	PACT Basic	Bookmark smoothed	Bookmark smoothed	Raw Score Ranges within Level					Percent in each Achievement Level					% PASS MET or Above	Change in Standard Error (Met Bookmark smoothed minus PACT Basic)
Grade	Subject	NM1/NM2	NM2/M	M/Ex4	Ex4/Ex5	Not Met 1	Not Met 2	MET	EX4	EX5	Not Met 1	Not Met 2	MET	EX4	EX5		
3	Science	-0.7839	0.3864	1.3042	1.594	0-15	16-25	26-34	35-36	37-45	7.9%	30.5%	43.1%	7.6%	10.9%	61.6%	0.20
4	Science	-0.392	0.3482	1.909	2.21	0-18	19-25	26-37	38-39	40-45	11.7%	19.6%	53.1%	7.4%	8.2%	68.7%	0.00
5	Science	-0.5619	0.0023	1.3036	1.6977	0-18	19-24	25-37	38-40	41-50	11.9%	19.8%	54.1%	7.8%	6.4%	68.3%	-0.30
6	Science	-0.562	0.2143	1.588	1.9489	0-20	21-29	30-44	45-47	48-55	12.4%	23.5%	49.8%	7.7%	6.6%	64.1%	0.01
7	Science	-0.477	0.0463	1.226	1.6389	0-21	22-27	28-41	42-45	46-55	14.1%	14.6%	49.0%	12.4%	9.9%	71.3%	0.28
8	Science	-0.554	0.1493	1.1085	1.511	0-22	23-31	32-44	45-48	49-60	14.5%	23.0%	40.1%	11.0%	11.4%	62.5%	1.01

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Social Studies

		Logit Cutpoints															
		Bookmark smoothed	PACT Basic	Bookmark smoothed	Bookmark smoothed	Raw Score Ranges within Level					Percent in each Achievement Level					% PASS MET or Above	Change in Standard Error (Met Bookmark smoothed minus PACT Basic)
Grade	Subject	NM1/NM2	NM2/M	M/Ex4	Ex4/Ex5	Not Met 1	Not Met 2	MET	EX4	EX5	Not Met 1	Not Met 2	MET	EX4	EX5		
3	Social Studies	-0.6539	-0.2441	0.8797	1.4350	0-15	16-19	20-31	32-35	36-45	13.2%	12.3%	43.2%	14.1%	17.2%	74.5%	-1.9
4	Social Studies	-0.7210	-0.5319	0.7877	1.2653	0-16	17-18	19-33	34-38	39-50	13.4%	6.8%	52.1%	12.8%	14.9%	79.8%	-2.4
5	Social Studies	-0.6364	-0.0797	1.0298	1.2942	0-17	18-23	24-35	36-38	39-50	12.7%	17.2%	42.5%	10.6%	17.0%	70.1%	-2.1
6	Social Studies	-0.7724	-0.5166	0.7753	1.0771	0-17	18-20	21-37	38-40	41-55	11.7%	8.6%	55.7%	7.6%	16.4%	79.7%	-3.4
7	Social Studies	-0.8927	-0.1363	0.7869	1.1308	0-17	18-27	28-40	41-44	45-60	11.5%	28.1%	32.5%	9.2%	18.7%	60.4%	-2.1
8	Social Studies	-0.8269	-0.3584	0.5683	0.8799	0-18	19-24	25-37	38-41	42-60	12.7%	17.5%	40.4%	11.3%	18.1%	69.8%	-2.2